

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A communication control system ~~in which data addressed to a destination mobile station is transmitted via a source router connected by a source mobile station, a specific router and a destination router connected by a destination mobile station, the communication control system~~ comprising:

a source router connected to a source mobile station, and configured to receive data addressed to a destination mobile station transmitted from the source mobile station;

a destination router connected to the destination mobile station, and configured to receive the data transmitted from the source router and send the data to the destination mobile station;

a specific router connected to the source router and the destination router and configured to forward packets received from the source router to the destination router;

a routing controller comprising:

a trigger receiver configured to receive a predetermined trigger;

a router controller configured to determine the specific router based on topology information of a plurality of routers controlled by the routing controller and a routing path of the data addressed to the destination mobile station, when the trigger receiver receives the predetermined trigger;

an address information provision requester configured to request the specific router determined by the router controller to provide address information routed to the specific router; and

an address conversion information processing requester configured to request the source router to create second address conversion information for converting a destination address of the data from address information of the destination mobile station to the address

information routed to the specific router, and to request the specific router to create first address conversion information for converting the destination address of the data from the address information routed to the specific router to the address information of the destination mobile station, and

the specific router comprising:

a first address information provider configured to provide the address information routed to the specific router in accordance with the request from the address information provision requester ~~routing controller~~;

a first address conversion information manager configured to create and manage the first address conversion information in accordance with the request from the routing controller;

a first address converter configured to convert the destination address of the data based on the first address conversion information; and

a first routing processor configured to perform a routing processing of the data based on the converted destination address;

the source router comprising:

a second address conversion information manager configured to create and manage the second address conversion information in accordance with the request from the routing controller;

a second address converter configured to convert the destination address of the data based on the second address conversion information; and

a second routing processor configured to perform the routing processing of the data based on the converted destination address.

Claim 2 (Currently Amended): A communication control method ~~used in a communication control system in which data addressed to a destination mobile station is transmitted via a source router connected by a source mobile station, a specific router and a destination router connected by a destination mobile station, the method~~ comprising:

receiving, at a source router connected to a source mobile station, data addressed to a destination mobile station transmitted from the source mobile station;

receiving, at a destination router connected to the destination mobile station, the data transmitted from the source router and sending the data to the destination mobile station;

forwarding, from a specific router connected to the source router and the destination router, packets received from the source router to the destination router;

receiving a predetermined trigger in a routing controller;

determining the specific router based on topology information of a plurality of routers controlled by the routing controller and a routing path of the data addressed to the destination mobile station, when the routing controller trigger receiver receives the predetermined trigger;

requesting the specific router to provide address information routed to the specific router, in the routing controller;

providing the address information routed to the specific router in accordance with the request from the routing controller in the specific router;

requesting the source router to create second address conversion information for converting a destination address of the data from address information of the destination mobile station to the address information routed to the specific router, in the routing controller;

creating and managing the second address conversion information, in accordance with the request from the routing controller, in the source router;

requesting the specific router to create first address conversion information for converting the destination address of the data from the address information routed to the specific router to the address information of the destination mobile station, in the routing controller;

creating and managing the first address conversion information, in accordance with the request from the routing controller, in the specific router;

converting the destination address of the received data based on the second address conversion information, in the source router;

performing a routing processing of the received data based on the converted destination address, in the source router;

converting the destination address of the received data based on the first address conversion information, in the specific router; and

performing a routing processing of the received data based on the converted destination address, in the specific router.

Claim 3 (Currently Amended): ~~A routing controller used in a communication control system in which data addressed to a destination mobile station is transmitted via a source router connected by a source mobile station, a specific router and a destination router connected by a destination mobile station~~ comprising:

a source router connected to a source mobile station, and configured to receive data addressed to a destination mobile station transmitted from the source mobile station;

a destination router connected to the destination mobile station, and configured to receive the data transmitted from the source router and send the data to the destination mobile station;

a specific router connected to the source router and the destination router and configured to forward packets received from the source router to the destination router; and

a routing controller comprising:

a trigger receiver configured to receive a predetermined trigger;

a router controller configured to determine the specific router based on topology information of a plurality of routers controlled by the routing controller and a routing path of the data addressed to the destination mobile station, when the trigger receiver receives the predetermined trigger;

an address information provision requester configured to request the specific router determined by the router controller to provide address information routed to the specific router; and

an address conversion information processing requester configured to request the source router to create second address conversion information for converting a destination address of the data from address information of the destination mobile station to the address information routed to the specific router, and to request the specific router to create first address conversion information for converting the destination address of the ~~received~~ data from the address information routed to the specific router to the address information of the destination mobile station.

Claim 4 (Previously Presented): ~~A routing controller used in a communication control system in which data addressed to a destination mobile station is transmitted via a source router connected by a source mobile station, a specific router and a destination router connected by a destination mobile station comprising:~~

a source router connected to a source mobile station, and configured to receive data addressed to a destination mobile station transmitted from the source mobile station;

a destination router connected to the destination mobile station, and configured to receive the data transmitted from the source router and send the data to the destination mobile station;

a specific router connected to the source router and the destination router and configured to forward packets received from the source router to the destination router; and

a routing controller comprising:

a trigger receiver configured to receive a predetermined trigger;

a router controller configured to determine the specific router based on topology information of a plurality of routers controlled by the routing controller and a routing path of the data addressed to the destination mobile station, when the trigger receiver receives the predetermined trigger;

an address conversion information creator configured to create address information routed to the specific router determined by the router controller; and

an address conversion information creation requester configured to request the source router to create second address conversion information for converting a destination address of the data from address information of the destination mobile station to the address information routed to the specific router, and to request the specific router to create first address conversion information for converting the destination address of the received data from the address information routed to the specific router to the address information of the destination mobile station.

Claim 5-7 (Canceled).